



ALTERNATIVE TO PTO/SB/08A/B
(Based on PTO 01-08 version)

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/821,389
				Filing Date	April 9, 2004
				First Named Inventor	Terrance P. SNUTCH
				Art Unit	1609
				Examiner Name	B. J. Packard
Sheet	1	of	2	Attorney Docket Number	381092000624

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	1.	US-4,751,230	06/1988	Lavielle et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	2.	BG-17385	11/1973			
	3.	EP-0187524	07/1986			
	4.	EP-0213006	03/1987			
	5.	EP-0458387	11/1991			
	6.	ES-504202	01/1983			
	7.	ES-514167	04/1983			
	8.	GB-1513883	06/1978			
	9.	WO-94/14786	07/1994			
	10.	WO-99/15129	04/1999			
	11.	WO-99/25686	05/1999			
	12.	WO-00/01375	01/2000			
	13.	WO-00/18402	04/2000			
	14.	WO-00/37059	06/2000			

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
	15.	BOURINET et al., Nature Neuroscience (1999) 2:407-415		
	16.	CHIARINI et al., Bioorg & Med Chemistry (1996) 4(10):1629-1635		
	17.	COHAN et al., Annals of the New York Academy of Sciences (1991) 635:397-399		
	18.	CRIBBS et al., Circulation Research (1998) 83:103-109		
	19.	Database WPI Week 9711, Derwent Publications Ltd. London, GB; Abstract JP09 003067, XP002133055 (Hisamitsu Pharm Co Ltd.) January 7, 1997		
	20.	DE WAARD et al., Ion Channels (Narahashi, ed., Plenum Press, NY, 1997) 4:41-87		
	21.	DHAINAUT et al., J Med Chem (1992) 35:2481-2496		

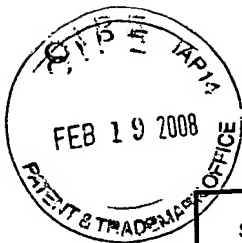
Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/821,389
				Filing Date	April 9, 2004
				First Named Inventor	Terrance P. SNUTCH
				Art Unit	1609
				Examiner Name	B. J. Packard
Sheet	2	of	2	Attorney Docket Number	381092000624

22.	DOOLEY, Current Opinion in CPNS Investigational Drugs (1999) 1(1):116-125	
23.	DUNLAP et al., Trends Neurosci (1995) 18:89-98	
24.	English Translation of Spanish Patent No. ES 504202, Title "Procedure for Obtaining Benzylpiperazines"	
25.	English Translation of Spanish Patent No. ES 514167, Presentation Date: July 20, 1982, Title "Procedure for Obtaining Benzylpiperazines"	
26.	ESTEP et al., J Med Chem (1995) 38:2582-2595	
27.	GALIZZI et al., PNAS USA (1986) 83:7513-7517	
28.	GLAMKOWSKI et al., J Med Chem (1977) 20(11):1485-1489	
29.	GOULD et al., PNAS (1983) 80:5122-5125	
30.	GRANTHAM et al., Brit J Pharmacol (1994) 111:483-488	
31.	International Search Report for PCT/CA2004/000535, date mailed on 1 July 2004, 5 pages	
32.	Invitation to Pay Additional Fees for PCT/CA2004/000539, date mailed on 2 September 2004, 6 pages	
33.	ITO et al., Eur J Pharmacol (1994) 257:203-210	
34.	KING et al., J Biol Chem (1989) 264:5633-5641	
35.	LEE et al., Journal of Neuroscience (1999) 19:1912-1921	
36.	LEHMANN et al., Arch Pharm (1988) 321:807-812	
37.	MCCLESKEY et al., Curr Topics Membr (1991) 39:295-326	
38.	MIYANO et al., Chem Pharm Bull (1990) 38(6):1570-1574	
39.	OHTAKA et al., Chem Pharm Bull (1987) 35(10):4117-4123	
40.	OHTAKA et al., Chem Pharm Bull (1987) 35(8):3270-3275	
41.	PEREZ-REYES et al., Nature (1998) 391:896-900	
42.	PRASAD et al., J Med Chem (1968) 11(6):1144-1150	
43.	SATHER et al., Neuron (1993) 11:291-303	
44.	STEAD et al., Handbook of Receptors and Channels (North, ed., CRC Press 1995) 113-151	
45.	STEAD et al., PNAS USA (1994) 91:10576-10580	
46.	TOLDY et al., Acta Chimica Academiae Scientiarum Hungarica (1965) 44:301-325 (English Abstract included)	
47.	TYTGAT et al., Brain Research (1991) 549:112-117	
48.	UNEYAMA et al., Calcium Ion Modulator, Sel Pap Satell Symp (1988) 13-23	
49.	VADODARIA et al., J Med Chem (1969) 12:860-865	
50.	ZIKOLOVA et al., Tr Nauchnoizsled Kim - Farm Inst (1984) 14:23-28	
51.	ZIKOLOVA et al., Tr Nauchnoizsled Khim - Farm Inst (1972) 8:59-67	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.



02-24-05
COPY

ALTERNATIVE TO PTO/SB/08A/B
(Based on PTO 01-08 version)

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/821,389
				Filing Date	April 9, 2004
				First Named Inventor	Terrance P. SNUTCH
				Art Unit	1609
				Examiner Name	B. J. Packard
Sheet	1	of	2	Attorney Docket Number	381092000624

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	1.	US-4,751,230	06/1988	Lavielle et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	2.	BG-17385	11/1973			
	3.	EP-0187524	07/1986			
	4.	EP-0213006	03/1987			
	5.	EP-0458387	11/1991			
	6.	ES-504202	01/1983			
	7.	ES-514167	04/1983			
	8.	GB-1513883	06/1978			
	9.	WO-94/14786	07/1994			
	10.	WO-99/15129	04/1999			
	11.	WO-99/25686	05/1999			
	12.	WO-00/01375	01/2000			
	13.	WO-00/18402	04/2000			
	14.	WO-00/37059	06/2000			

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	15.	BOURINET et al., Nature Neuroscience (1999) 2:407-415	
	16.	CHIARINI et al., Bioorg & Med Chemistry (1996) 4(10):1629-1635	
	17.	COHAN et al., Annals of the New York Academy of Sciences (1991) 635:397-399	
	18.	CRIBBS et al., Circulation Research (1998) 83:103-109	
	19.	Database WPI Week 9711, Derwent Publications Ltd. London, GB; Abstract JP09 003067, XP002133055 (Hisamitsu Pharm Co Ltd.) January 7, 1997	
	20.	DE WAARD et al., Ion Channels (Narahashi, ed., Plenum Press, NY, 1997) 4:41-87	
	21.	DHAINAUT et al., J Med Chem (1992) 35:2481-2496	



COPY

ALTERNATIVE TO PTO/SB/08A/B
(Based on PTO 01-08 version)

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/821,389
				Filing Date	April 9, 2004
				First Named Inventor	Terrance P. SNUTCH
				Art Unit	1609
				Examiner Name	B. J. Packard
Sheet	2	of	2	Attorney Docket Number	381092000624

22.	DOOLEY, Current Opinion in CPNS Investigational Drugs (1999) 1(1):116-125	
23.	DUNLAP et al., Trends Neurosci (1995) 18:89-98	
24.	English Translation of Spanish Patent No. ES 504202, Title "Procedure for Obtaining Benzylpiperazines"	
25.	English Translation of Spanish Patent No. ES 514167, Presentation Date: July 20, 1982, Title "Procedure for Obtaining Benzylpiperazines"	
26.	ESTEP et al., J Med Chem (1995) 38:2582-2595	
27.	GALIZZI et al., PNAS USA (1986) 83:7513-7517	
28.	GLAMKOWSKI et al., J Med Chem (1977) 20(11):1485-1489	
29.	GOULD et al., PNAS (1983) 80:5122-5125	
30.	GRANTHAM et al., Brit J Pharmacol (1994) 111:483-488	
31.	International Search Report for PCT/CA2004/000535, date mailed on 1 July 2004, 5 pages	
32.	Invitation to Pay Additional Fees for PCT/CA2004/000539, date mailed on 2 September 2004, 6 pages	
33.	ITO et al., Eur J Pharmacol (1994) 257:203-210	
34.	KING et al., J Biol Chem (1989) 264:5633-5641	
35.	LEE et al., Journal of Neuroscience (1999) 19:1912-1921	
36.	LEHMANN et al., Arch Pharm (1988) 321:807-812	
37.	MCCLESKEY et al., Curr Topics Membr (1991) 39:295-326	
38.	MIYANO et al., Chem Pharm Bull (1990) 38(6):1570-1574	
39.	OHTAKA et al., Chem Pharm Bull (1987) 35(10):4117-4123	
40.	OHTAKA et al., Chem Pharm Bull (1987) 35(8):3270-3275	
41.	PEREZ-REYES et al., Nature (1998) 391:896-900	
42.	PRASAD et al., J Med Chem (1968) 11(6):1144-1150	
43.	SATHER et al., Neuron (1993) 11:291-303	
44.	STEA et al., Handbook of Receptors and Channels (North, ed., CRC Press 1995) 113-151	
45.	STEA et al., PNAS USA (1994) 91:10576-10580	
46.	TOLDY et al., Acta Chimica Academiae Scientiarum Hungarica (1965) 44:301-325 (English Abstract included)	
47.	TYTGAT et al., Brain Research (1991) 549:112-117	
48.	UNEYAMA et al., Calcium Ion Modulator, Sel Pap Satell Symp (1988) 13-23	
49.	VADODARIA et al., J Med Chem (1969) 12:860-865	
50.	ZIKOLOVA et al., Tr Nauchnoizsled Kim - Farm Inst (1984) 14:23-28	
51.	ZIKOLOVA et al., Tr Nauchnoizsled Khim - Farm Inst (1972) 8:59-67	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.